In 1990, the U.S. Environmental Protection Agency (EPA) enacted stringent wood-burning regulations, crippling the more than 500 wood stove manufacturers around the country. But not Quadra-Fire®.

Two years of research and development later, founders Alan Trusler and Dan Henry unveiled their patented “Quad Burn” system. The technology produced powerful and efficient rolling flames so intense, it dawned the inception of the Quadra-Fire name.

**WHY QUADRA-FIRE**

For more than 30 years, Quadra-Fire has put performance and easy operation above all else. Today these ideals are vibrant and alive, blending our past with our present. Quadra-Fire products are proudly built to last by our members.

**WHY WOOD**

IT’S RENEWABLE - Using renewable energy sources is more important than ever and wood is 100 percent renewable. When you burn wood, you are also completing the last step of the natural carbon cycle of trees, resulting in a zero net carbon impact on the environment.

IT’S COST-EFFECTIVE - Heating with wood costs less than heating with electricity, liquid propane or heating oil, especially if you harvest wood yourself.

As the fire ignites, it remains clear: **NOTHING BURNS LIKE A QUAD.**
Innovative technology is at work in every Quadra-Fire. These advancements make it possible to burn wood more effectively, efficiently, and with more control.

**PERFORMANCE**
Get maximum heat and a clean burn, with the Quadra-Fire Four-Point Burn System delivering performance that you can see.

**CONVENIENT**
Save space with a wood storage bin that holds one day’s worth of wood. Personalize your stove by choosing between the tiled or solid side panels. Customize the tile panels with any 12” x 12” ceramic tile, or paint the solid black side panel using high temperature paint.

**EASY OPERATION**
Eliminate the hassle and save time with Automatic Combustion Control (ACC): simply load the wood, light the fire and walk away.

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**EXCLUSIVE TECHNOLOGIES**
Innovative technology is at work in every Quadra-Fire. These advancements make it possible to burn wood more effectively, efficiently, and with more control.

**FOUR-POINT BURN SYSTEM**
The patented Quadra-Fire Four-Point Burn System produces intense rolling flames. Four combustion cycles extend the heat, enhance the fire and increase efficiency for long-lasting, proven performance.

1. **PRECISION START-UP**
   Airflow quickly routes to the heart of the fire.

2. **SECONDARY BURN ZONE**
   Air movement helps create rolling flames and keeps the glass clean.

3. **TERTIARY BURN ZONE**
   Superheated air ignites flammable gases rising from the wood.

4. **QUATERNARY BURN ZONE**
   Remaining impurities are burned above the baffle before exiting up the chimney.

**AUTOMATIC COMBUSTION CONTROL**
Automatic Combustion Control (ACC) is an advanced heat-management technology from Quadra-Fire. ACC feeds the fire with air when it’s needed most—for precision start-up and consistent, extended burns.

A. **ACTIVATION CONTROL KNOB**
   Push back and pull forward to activate start-up airflow.

B. **ACC AIR INLET**
   Controls start-up airflow to build the fire.

C. **ACC TIMER**
   Opens ACC air inlet during start-up for approximately 20 minutes.

D. **BURN RATE CONTROL**
   Controls the airflow feeding the fire, also controls your comfort.
DISCOVERY III

Max. Burn Time: 12 hrs

Efficiency: 80.2%

Heating Capacity: 1,100-3,000 sq ft

Emissions: 1.0 g/hr

Firebox: 2.3 cu ft

Recommended Log Length: 18”

Viewing Area: 165 sq in

Actual Weight: 360 lb

Use any 11-3/4” x 11-3/4” x 3/8” ceramic tile, available at any tile and flooring retailer, or use the solid side panel, which can be painted using a high temperature paint.

PERSONALIZE YOUR STOVE

Use any 11-3/4” x 11-3/4” x 3/8” ceramic tile, available at any tile and flooring retailer, or use the solid side panel, which can be painted using a high temperature paint.
DISCOVERY II

Max. Burn Time
10 hrs

Efficiency
78.3%

Heating Capacity
1,000 - 2,600 sq ft

Emissions
1.9 g/hr

Firebox
2.0 cu ft

Recommended Log Length
16”

Viewing Area
165 sq in

Actual Weight
339 lb

Peak BTU/hr Output
51,000

PERSONALIZE YOUR STOVE
Use any 11-3/4” x 11-3/4” x 3/8” ceramic tile, available at any tile and flooring retailer, or use the solid side panel, which can be painted using a high temperature paint.

DISCOVERY II shown with custom painted solid side panel.

DISCOVERY II
Shown above without tile kit or solid side panel.
DISCOVERY I

Peak BTU/hr Output¹
44,000

Heating Capacity²
800-2,100 sq ft

Max. Burn Time³
7 hrs

Efficiency⁵
78.7%

Emissions
2.1 g/hr

Firebox
1.4 cu ft

Recommended Log Length
16”

Viewing Area
125 sq in

Actual Weight
285lb

Use any 11-3/4” x 11-3/4” x 3/8” ceramic tile, available at any tile and flooring retailer, or use the solid side panel, which can be painted using a high temperature paint.

PERSONALIZE YOUR STOVE

Shown above without tile kit or solid side panel.
## STOVE COMPARISON

<table>
<thead>
<tr>
<th></th>
<th>DISCOVERY III</th>
<th>DISCOVERY II</th>
<th>DISCOVERY I</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PEAK BTU/HR OUTPUT</strong></td>
<td>63,700</td>
<td>51,000</td>
<td>44,000</td>
</tr>
<tr>
<td><strong>HEATING CAPACITY</strong></td>
<td>1,100 - 3,000 sq. ft.</td>
<td>1,000 - 2,600 sq. ft.</td>
<td>800 - 2,100 sq. ft.</td>
</tr>
<tr>
<td><strong>MAXIMUM BURN TIME</strong></td>
<td>12 hrs</td>
<td>10 hrs</td>
<td>7 hrs</td>
</tr>
<tr>
<td><strong>EFFICIENCY</strong></td>
<td>80.2%</td>
<td>78.3%</td>
<td>78.7%</td>
</tr>
<tr>
<td><strong>EMISSIONS</strong></td>
<td>1.0 g/hr</td>
<td>1.9 g/hr</td>
<td>2.1 g/hr</td>
</tr>
<tr>
<td><strong>FIREBOX CAPACITY</strong></td>
<td>2.3 cu ft</td>
<td>2.0 cu ft</td>
<td>1.4 cu ft</td>
</tr>
<tr>
<td><strong>RECOMMENDED LOG LENGTH</strong></td>
<td>18” max.</td>
<td>16” max.</td>
<td>16” max.</td>
</tr>
<tr>
<td><strong>VIEWING AREA</strong></td>
<td>165 sq in</td>
<td>165 sq in</td>
<td>125 sq in</td>
</tr>
<tr>
<td><strong>ACTUAL WEIGHT</strong></td>
<td>360lb</td>
<td>339lb</td>
<td>285lb</td>
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</tbody>
</table>

## ACCESSORIES

- **FAN KIT**: Personalize your stove with a fan kit for increased performance.

## PERSONALIZE YOUR STOVE

- **TILE PANELS**: (Discovery II and III use three tiles per side, Discovery I uses two tiles per side)
- **SOLID PANELS**: Customize your stove by painting the side panels with high temperature paint (rated above 300 degrees)
Limited Lifetime Warranty

The strongest in the industry, Quadra-Fire provides a limited lifetime warranty on the most important aspects: firebox and heat exchanger.

**IMPORTANT - READ BEFORE YOU INSTALL!**

- Refer to the Owner/Installation Manual for complete clearance requirements and specifications.
- The images and descriptions in this brochure are provided to assist you in product selection only.
- Quadra-Fire is a registered trademark of Hearth & Home Technologies. Product specifications and pricing subject to change without notice.
- Fireplace, stove and insert surfaces get extremely HOT and can cause burns if touched. Keep a safe distance away.
- For full warranty details go to [www.quadrafire.com](http://www.quadrafire.com).

BTU: First hour output uses high burn efficiency number. BTU will vary depending on the type of fuel used and moisture content of the fuel.

Heating capacity (in square feet) is a guideline only and may differ due to climate, building construction and condition, amount and quality of insulation, location of the heater, and air movement in the room.

Actual burn times will vary based on how the appliance is operated, load size, moisture content and type of wood used, chimney height and installation.

1: BTU: First hour output uses high burn efficiency number. BTU will vary depending on the type of fuel used and moisture content of the fuel.
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3: Actual burn times will vary based on how the appliance is operated, load size, moisture content and type of wood used, chimney height and installation.
4: For full warranty details go to [www.quadrafire.com](http://www.quadrafire.com).
5: Weighted average LHV (low heating value) efficiency.

### CLEARANCES TO COMBUSTIBLES

<table>
<thead>
<tr>
<th>DISCOVERY SERIES</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
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<tr>
<td>Discovery III</td>
<td>Single Wall Pipe: 18-1/2&quot;</td>
<td>11-3/4&quot;</td>
<td>27-1/2&quot;</td>
<td>14-1/2&quot;</td>
<td>10&quot;</td>
<td>22-5/8&quot;</td>
<td>53-1/2&quot;</td>
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<tr>
<td></td>
<td>Double Wall Pipe: 12&quot;</td>
<td>5-1/4&quot;</td>
<td>27-1/2&quot;</td>
<td>14-1/2&quot;</td>
<td>10&quot;</td>
<td>22-5/8&quot;</td>
<td>53-1/2&quot;</td>
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<tr>
<td>Discovery II</td>
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<td>28-1/2&quot;</td>
<td>16&quot;</td>
<td>8&quot;</td>
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<tr>
<td></td>
<td>Double Wall Pipe: 13-1/2&quot;</td>
<td>6-1/2&quot;</td>
<td>25&quot;</td>
<td>13&quot;</td>
<td>6-1/2&quot;</td>
<td>18-1/2&quot;</td>
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<td>Discovery I</td>
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<td>24-1/2&quot;</td>
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<tr>
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<td>Double Wall Pipe: 11-3/4&quot;</td>
<td>5-3/4&quot;</td>
<td>23&quot;</td>
<td>10-1/2&quot;</td>
<td>7-1/2&quot;</td>
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<td>43&quot;</td>
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**Thank you** from everyone at Quadra-Fire